SOLE/JOINT

DECLARATION AND POWER OF ATTORNEY

As a below name is listed below in the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

MAGNETORESISTANCE DEVICE AND METHOD OF FABRICATING THE SAME which application is: the attached application ☐ Application No. (for original application) filed October 31,2003 and amended on (for declaration not accompanying application) that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application under 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35, United States Gode §119, §172 or §365 of any provisional application or foreign application(s) for patent or inventor's certificate listed below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of any foreign application on which priority is claimed: Priority Claimed **Application Number** Filing Date Country No Yes Japan November 1, 2002 319928/2002 $\mathbf{\Omega}$ I hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application: Application No. Filing Date Status I hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603, George F. Lehnigk, Reg. No. 36,359, John T. Callahan, Reg. No. 32,607 and Steven M. Gruskin, Reg. No. 36,818, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. Yoshiyuki FUKUMOTO November 13, 2003 Date First Inventor First Name Middle Initial Last Name Residence Signature State/Country City Post Office Address: c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan Japanese Citizenship

Date November 13, 2003	Second Inventor Ken-ichi SHIMURA
Residence Tokyo, Japan	First Name Middle Initial Last Name Signature Len-ich Shimura
City State/Count Post Office Address: c/o NEC Corporation	ry , 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan
Citizenship Japanese	
Date November 13, 2003	
Residence Tokyo, Japan City State/Count	First Name / Middle Initial Last Name Signature / Middle Initial Last Name
Post Office Address: c/o NEC Corporation	, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan
Citizenship Japanese	
Date	Fourth Inventor
Residence	First Name Middle Initial Last Name Signature
City State/Count Post Office Address:	ry
Citizenship	
DateResidence	First Name Middle Initial Last Name
City State/Count	ry Signature
Post Office Address:	· .
Citizenship	
Date	
Residence	First Name Middle Initial Last Name Signature
City State/Count Post Office Address:	
Citizenship	